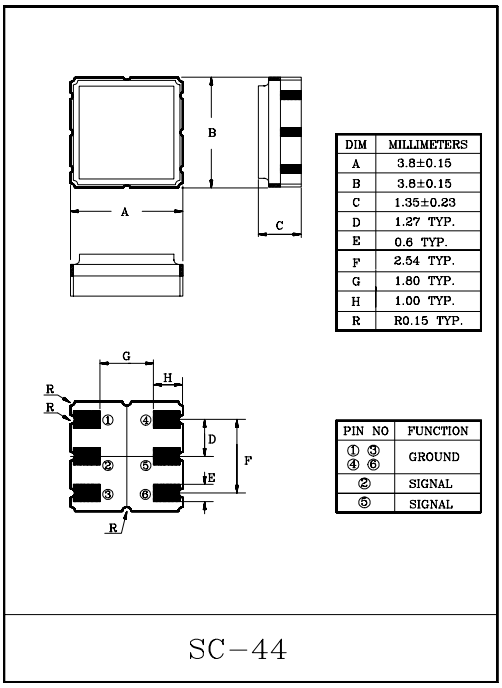
查询KF465S供应商

Band pass filters for the receiving RF circuits of transceiver

- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- KF465S : SC-45 Package, KF465V : SC-44 Package.
- F-11(DIP type package) : KF465



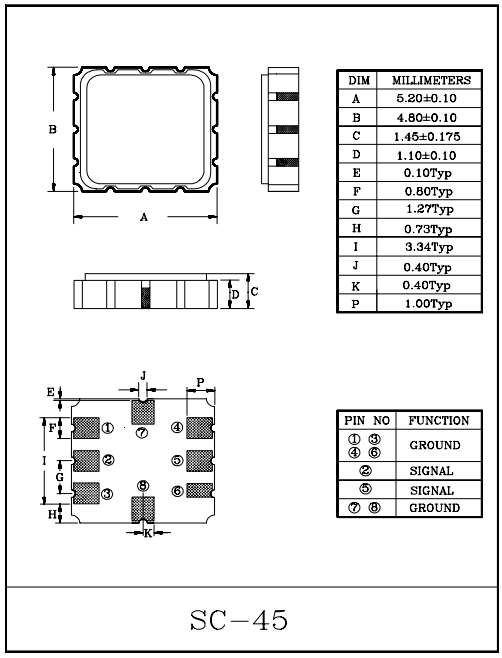
DIM	MILLIMETERS
A	3.8±0.15
B	3.8±0.15
C	1.35±0.23
D	1.27 TYP.
E	0.6 TYP.
F	2.54 TYP.
G	1.80 TYP.
H	1.00 TYP.
R	R0.15 TYP.

PIN NO	FUNCTION
① ③ ④ ⑥	GROUND
②	SIGNAL
⑤	SIGNAL

SC-44

MAXIMUM RATINGS (Ta=25℃)

ITEM	SYMBOL	RATING	UNIT
Input Signal Level	IS_{max}	0	dBm
DC Permissive Voltage	V_{DC}	+10	V
Operating Temperature Range	T_{opr}	-20~+60	℃
Storage Temperature Range	T_{stg}	-30~+85	℃



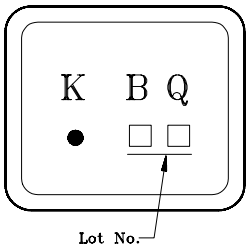
DIM	MILLIMETERS
A	5.20±0.10
B	4.80±0.10
C	1.45±0.175
D	1.10±0.10
E	0.10Typ
F	0.80Typ
G	1.27Typ
H	0.73Typ
I	3.34Typ
J	0.40Typ
K	0.40Typ
P	1.00Typ

PIN NO	FUNCTION
① ③ ④ ⑥	GROUND
②	SIGNAL
⑤	SIGNAL
⑦ ⑧	GROUND

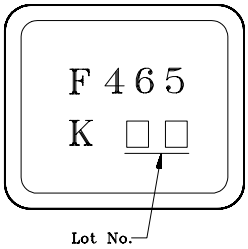
SC-45

Marking

(SC-44)



(SC-45)

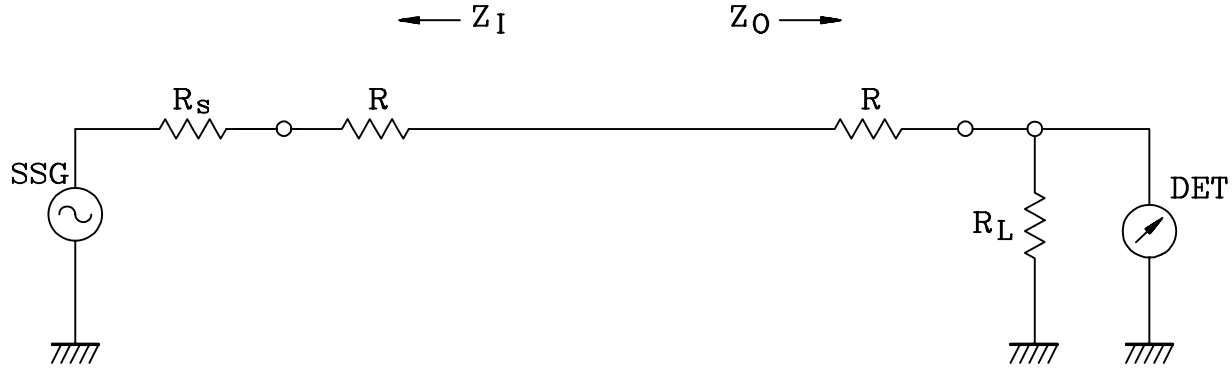


ELECTRICAL CHARACTERISTICS (Temperature 20±2℃, Humidity 65±5%)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	fo	-	-	465	-	MHz
Bandwidth	BW_{3dB}	-	f_O±3.0	-	-	MHz
Insertion Loss	IL_{PASS}	f_O±3.0MHz	-	-	4.0	dB
Ripple Level	A_{RIP}	f_O±3.0MHz	-	-	2.0	dB
Rejection Level	IL_{STOP}	f_O-13.7~f_O-7.7MHz	8	-	-	dB
		f_O-45.8~f_O-39.8MHz	50	-	-	dB
		f_O+39.8~f_O+45.8MHz	45	-	-	dB
Input/Output Impedance	$Z_I(Z_O)$	-	-	50Ω//0pF	-	-

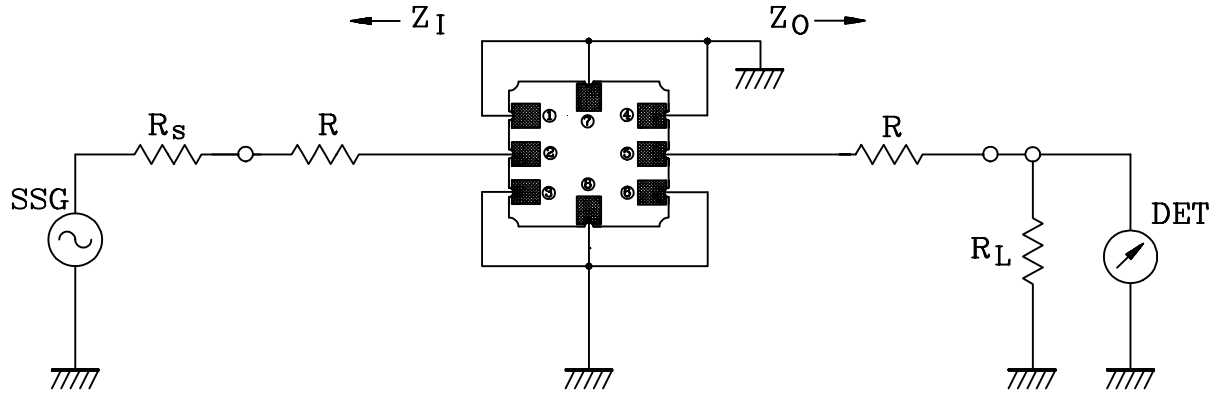
TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT



R_S, R_L : 50Ω (Internal Impedance of Source and Load)
R : 0Ω
$Z_I(Z_O)=R_S(R_L)+R$

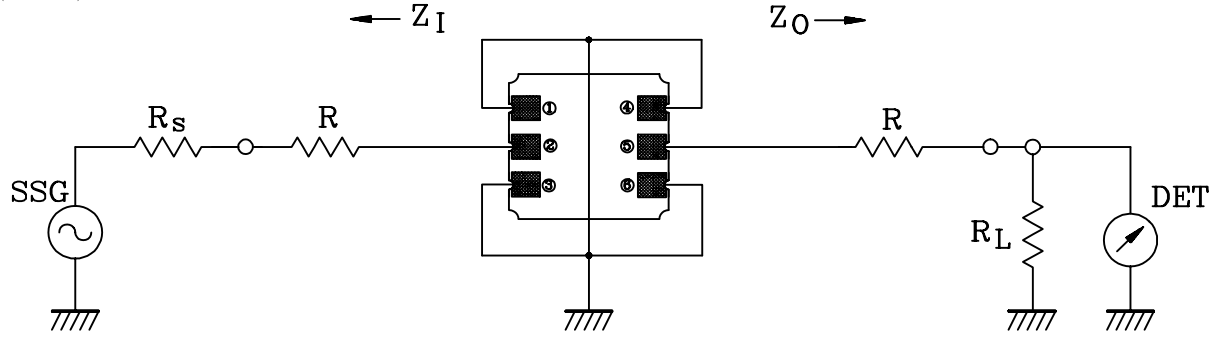
MEASUREMENT CIRCUIT (SC-45)



② :Input ①, ③, ④, ⑥, ⑦, ⑧ :Ground ⑤ :Output

R_S, R_L : 50Ω (Internal Impedance of Source and Load)
R : 0Ω
$Z_I(Z_O)=R_S(R_L)+R$

(SC-44)



② :Input ①, ③, ④, ⑥ :Ground ⑤ :Output